



DEPARTMENT OF TRANSPORTATION
Milwaukee County

Brian Dranzik

- Director
- Highway Commissioner

June 30, 2016

Subject: **Request for Statement of Interest and Qualification (SIQ) –
2017-18 Milwaukee County Bridge Inspection and Program Management**

Consultants are invited to submit a Statement of Interest and Qualifications (SIQ) to provide professional engineering inspection, design, and program management services for the 2017 and 2018 Milwaukee County Bridge Program. Consultant services shall include, but not limited to, the following services:

- Bridge Inspection
- Monotube Signal Structure Inspection
- Local Bridge Program Management
- Bridge and Highway Structures Estimating and Budgeting
- On-call Engineering

These professional engineering services include the following deliverables/tasks, but not limited to:

Bridge Inspection: Provide complete bridge inspection services for 2017 and 2018 Milwaukee County maintained bridges and highway structures. The following tasks and deliverables are to be completed:

- ✓ Routine and interim bridge inspection
- ✓ Inspection/bridge inventory and form updates
- ✓ HSIS Entry and Updates
- ✓ Structure Inventory and Appraisal Field Review Forms
- ✓ Bridge Load Rating computation, filing, and/or Load Posting, if required
- ✓ Bridge Maintenance Recommendation Report

Monotube Signal Structure Inspection: Provide monotube signal structure inspection and inventory updates. The following tasks and deliverables are to be completed:

- ✓ Perform routine inspection of signal monotube(s)
- ✓ Develop Inspection report(s)
- ✓ Develop a monotube signal inventory using Microsoft Access database
- ✓ Prepare a maintenance recommendation report

MILWAUKEE COUNTY – 10320 W. Watertown Plank Rd., 2nd Floor, Wauwatosa, WI 53226
PHONE NUMBERS: Administration 414 -257-5929 Transportation Services 414-257-5900
FAX NUMBER: Transportation Services 414-257-5950

Local Bridge Program Management: Provide countywide local bridge program and inspection management. Assist the County in project solicitation under the Local Bridge Program. The following tasks and deliverables are to be completed:

- ✓ Ensure bridge inspection program is in compliance countywide
- ✓ Coordinate with Local Municipalities on bridge inspection and project solicitations
- ✓ Provide program QA/QC in accordance with most recent WISDOT policies and procedures
- ✓ Review Local Municipalities Bridge Inspection Reports and Load Rating/Posting, if required
- ✓ Review Local Bridge Program project applications and Bridge Rehabilitation Reports
- ✓ Coordinate/participate in any Department/FHWA Review/Audit
- ✓ Coordinate and participate in monthly program progress meetings
- ✓ Assist the County in developing a Countywide Program Project Priority List

Bridge and Highway Structures Estimating and Budgeting: Assist the County in developing and implementing its 2018 and 2019 operating and capital budgets for the bridge program, including the Five-Year budgets for 2018-2022 and 2019-2023. The following tasks and deliverables are to be completed:

- ✓ Prepare the 2018 and 2019 budget narratives, including design and construction estimates
- ✓ Provide the 2018-2022 and 2019-2023 Five-Year bridge program budgets
- ✓ Prepare bridge condition status report for program project budgets
- ✓ Update County bridge inventory and map
- ✓ Prepare bridge funding applications

On-call Engineering: Provide program and structural engineering design services to supplement the successful delivery of the Countywide Bridge and Highway Structures Program. This includes, but not limited to:

- ✓ Preparation of bridge rehabilitation report
- ✓ Perform field inspection/investigation and reporting, as needed
- ✓ Provide structural design and construction management

Program Size: The Countywide bridge program includes approximately three hundred, fifty-two (352) bridge structures listed in the WISDOT's bridge file, or the Highway Structure Information System (HSIS). The County maintained/owned bridges are approximately ninety-two (92). The County maintained/owned monotube signal structures are approximately thirty-six (36).

Requirements/qualifications: Proposed staff leading this work shall be an experienced and State of Wisconsin licensed engineer with minimum of ten years of engineering experience. The last five years of experience shall be in the inspection, design and construction of bridges and highway structures in the State of Wisconsin along with being a certified bridge inspector and program leader in the State of Wisconsin.

The SIQ intends to provide the reviewer information about your firm's interest, understanding, availability, and ability to deliver the requested services. The SIQ should be limited to five pages. It should include a description of your company's expertise and qualifications, statement of interest, description of the project team, project understanding and delivery, and a list of most recent related project experiences. Project team members' credential/resume, may be attached as an appendix. It is required that the SIQ clearly reflects your understanding of the project scope and its tasks/deliverables.

A 25% goal has been established for Disadvantaged Business Enterprise (DBE) participation. Questions regarding DBE qualified firms should be directed to the Community Business Development Partners Department of Milwaukee County (CBDP) at (414) 278-4747, or cbdpcompliance@milwcnty.com. The directory of DBE firms currently certified in the State of Wisconsin can be found at: <https://app.mylcm.com/wisdot/Reports/WisDotUCPDirectory.aspx>

One (1) original and three (3) copies of the SIQ, shall be received no later than 2:00 p.m. **on July 28, 2016**, at the following address:

Aziz Aleiow, PE - Managing Engineer
Milwaukee County Department of Transportation (MCDOT)
Transportation Services Section
10320 W. Watertown Plank Rd., 2nd Floor
Wauwatosa, WI. 53226

SIQ's by joint venture groups, as well as individual company are considered. Five (5) companies will be short-listed. One consultant selected for this two-year contract (2017-2018). If an interview is necessary, consultants will be contacted accordingly. The SIQ becomes the property of Milwaukee County upon its submittal.

A selection will be made within 30 days. The contract is expected to be executed within 30 days after selection.

If you have any questions, please direct them to me at (414) 257-5991 or email it to Abdulaziz.Aleiow@milwaukeecountywi.gov.

Sincerely,

Aziz Aleiow, P. E.
Managing Engineer
MCDOT-Transportation Services Section

CC: Brian Dranzik, MCDOT
Andrea Weddle-Henning, MCDOT
Rick Norris, CBDP